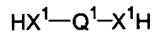


ABSTRACT

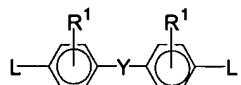
A process comprising: a) reacting a diphenol monomer A with a monomer B having two locations for reaction with A to form arylene ether monomer C and b) reacting arylene ether monomer C with a diphenol monomer D to form a polymer, where monomer A is



(II) ;

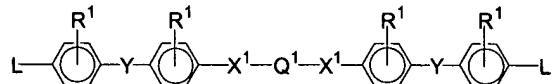
5

monomer B is



(III) ;

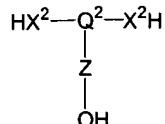
arylene ether monomer C is



(IV) ;

10

and monomer D is



(V) ;

15

wherein: Q^1 comprises at least one aryl or heteroaryl group; Q^2 comprises at least one aryl or heteroaryl group; X^1 is O bonded directly to an aryl carbon of Q^1 ; X^2 is O bonded directly to an aryl carbon of Q^2 ; Z is a linker comprising at least one $-(C(R^2)_2)-$ group; Y is a single bond or linker group (e.g., comprising up to about 50 carbons); R^1 is independently at each occurrence H, a halogen, an alkyl group, a heteroalkyl group, an aryl group, or a heteroaryl group; R^2 is independently at each occurrence H, an alkyl group, or a heteroalkyl group; and R^3 is H or a crosslinkable group.